

FIG. 1

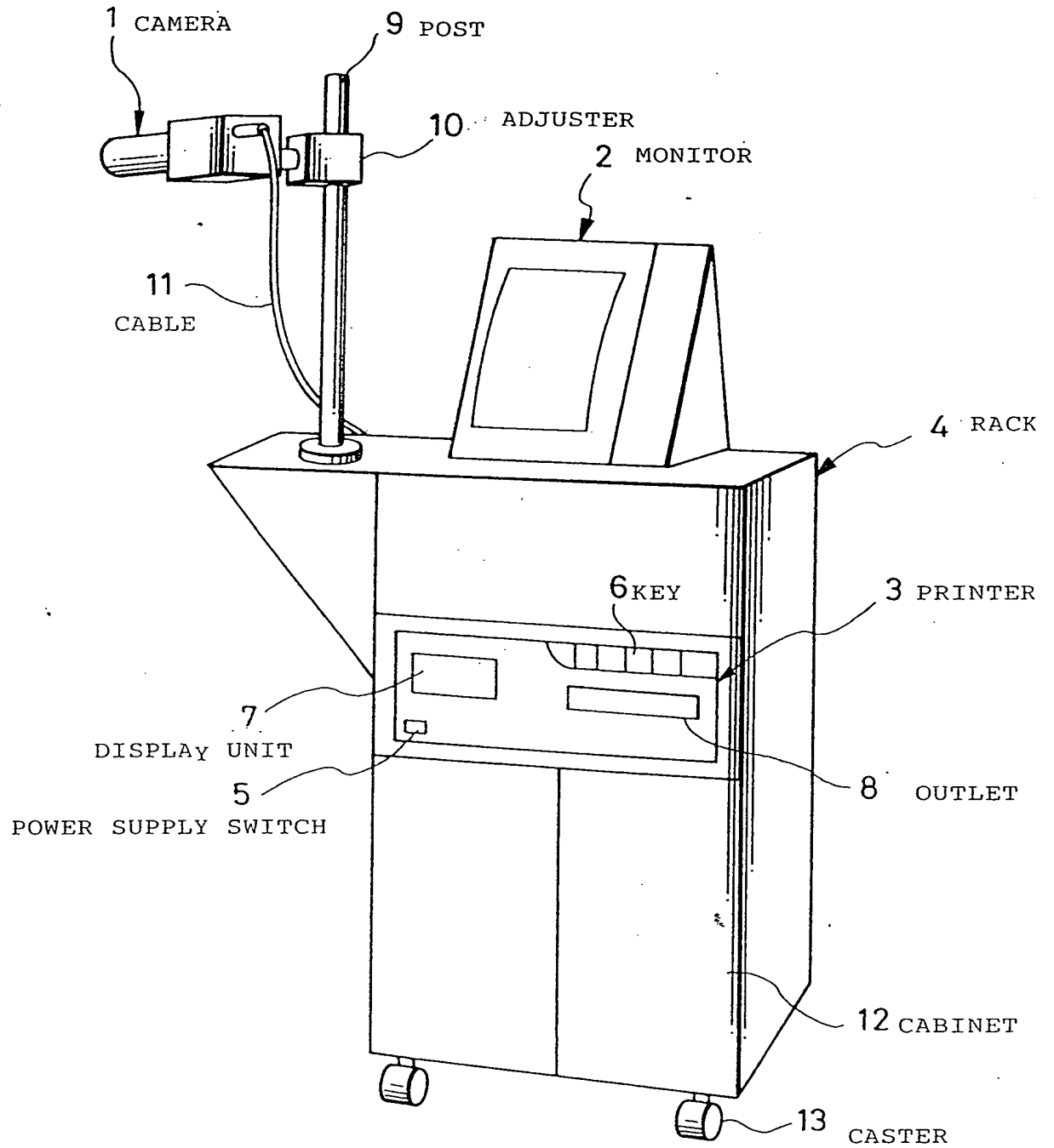


FIG. 2

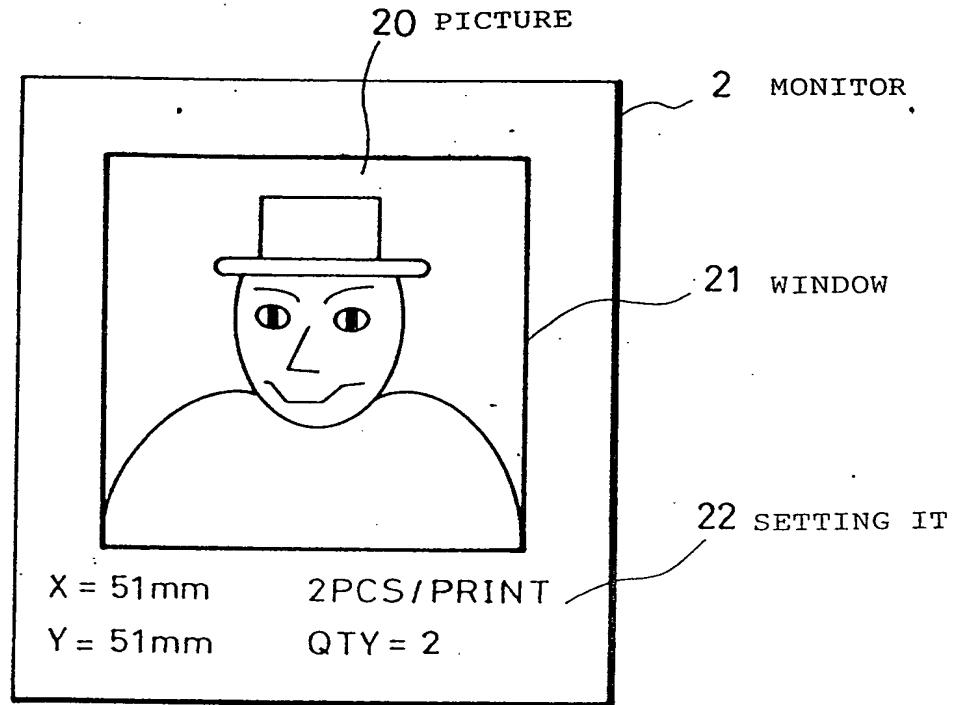
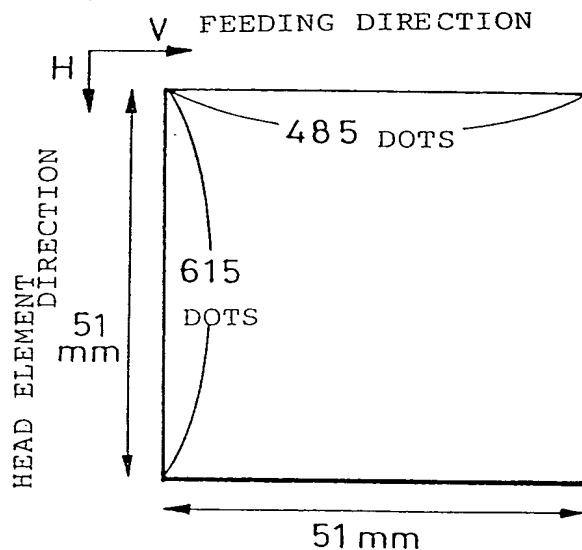


FIG. 4



NUMBER OF H-DIRECTION DOTS

$$51\text{mm}/0.083 = 615 \text{ DOTS}$$

MECHANICAL FEED PITCH IN V DIRECTION

$$51\text{mm}/485 = 0.10515 \text{ mm}$$

H-DIRECTION ACTIVE SCREEN AREA

$$52.655\mu\text{sec} \times \frac{3}{4} = 39.5\mu\text{sec}$$

H-DIRECRION SAMPLING FREQUENCY

$$39.5\mu\text{sec}/615 = 15.573070 \text{ MHz}$$

FIG. 3

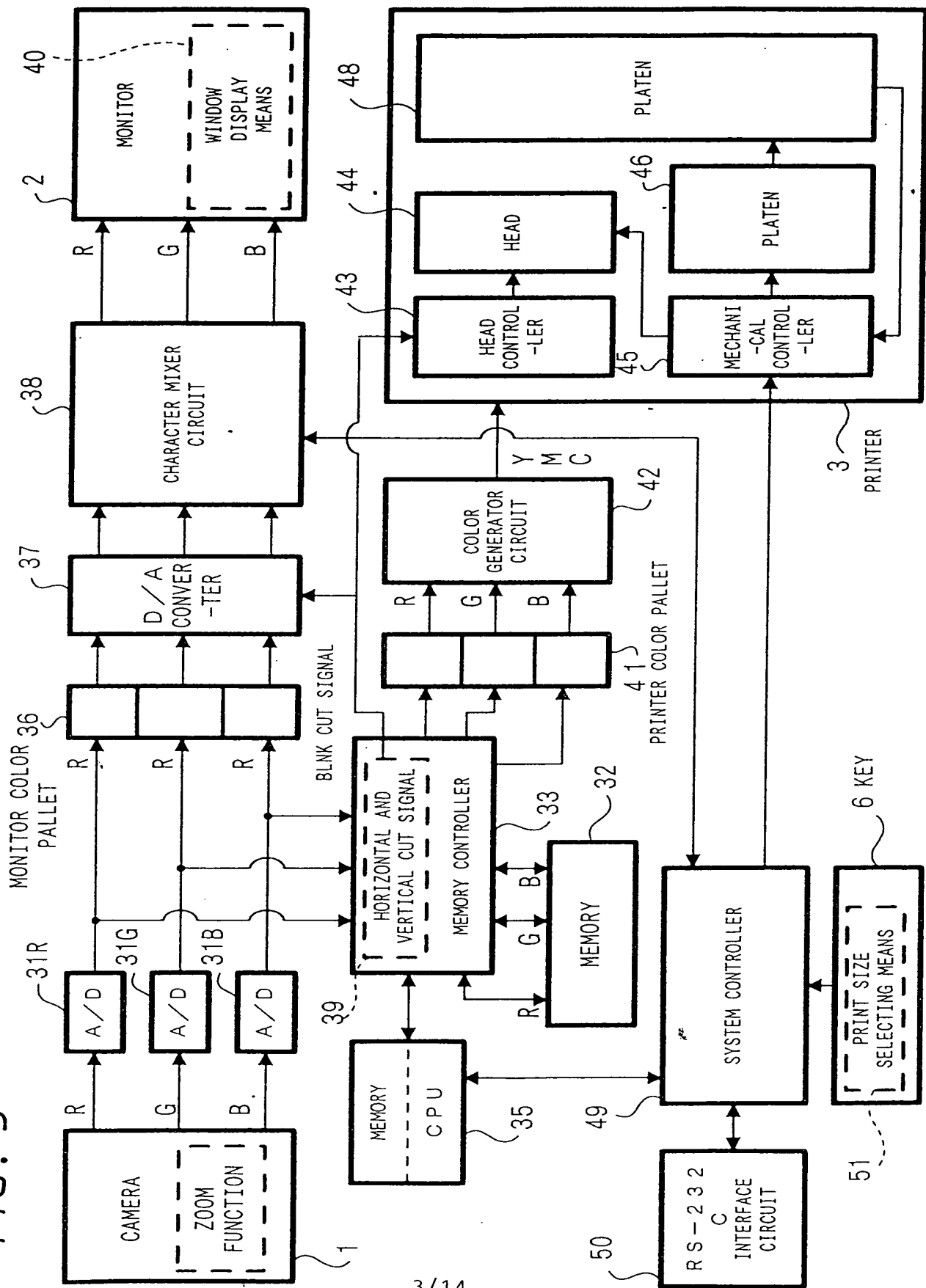
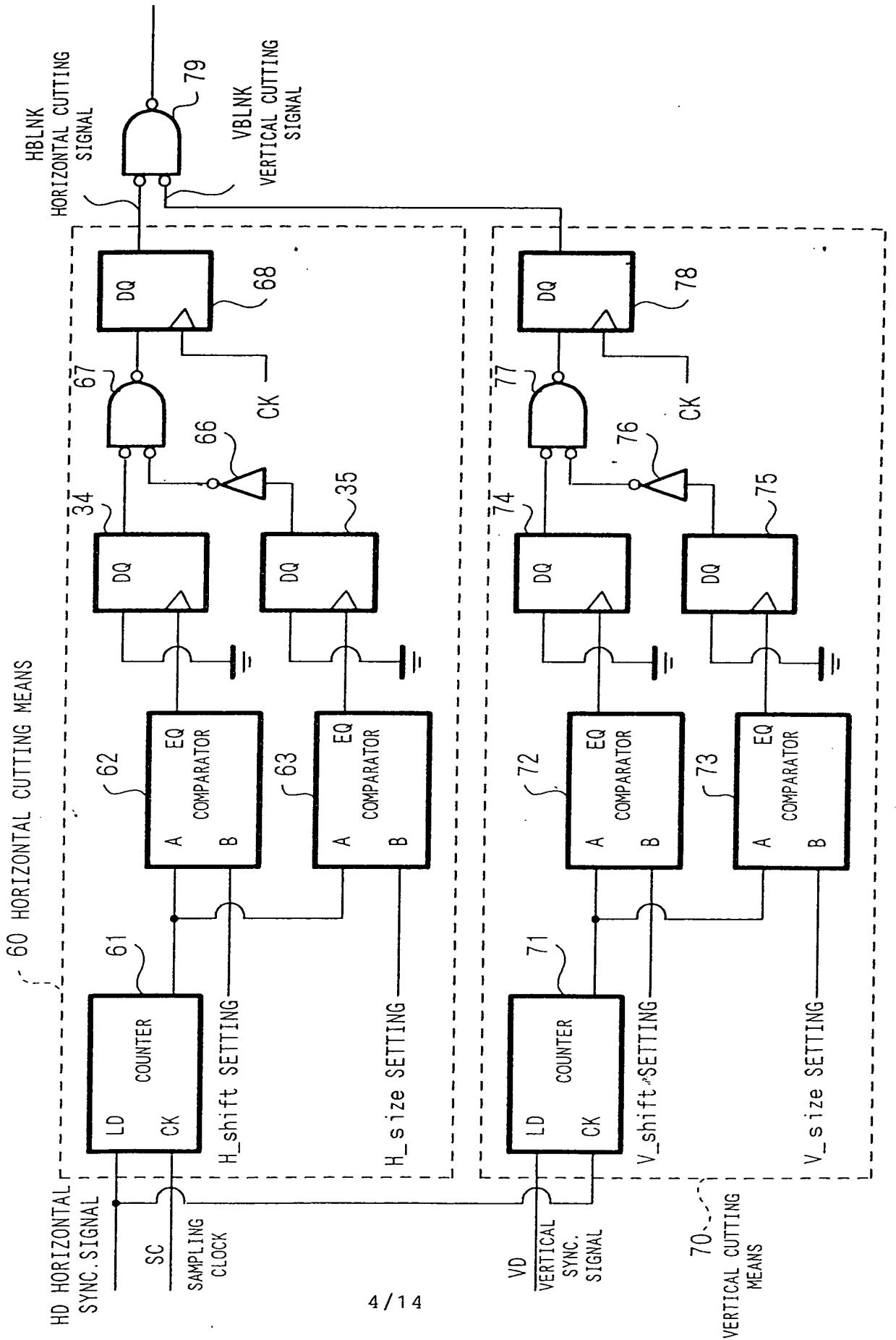
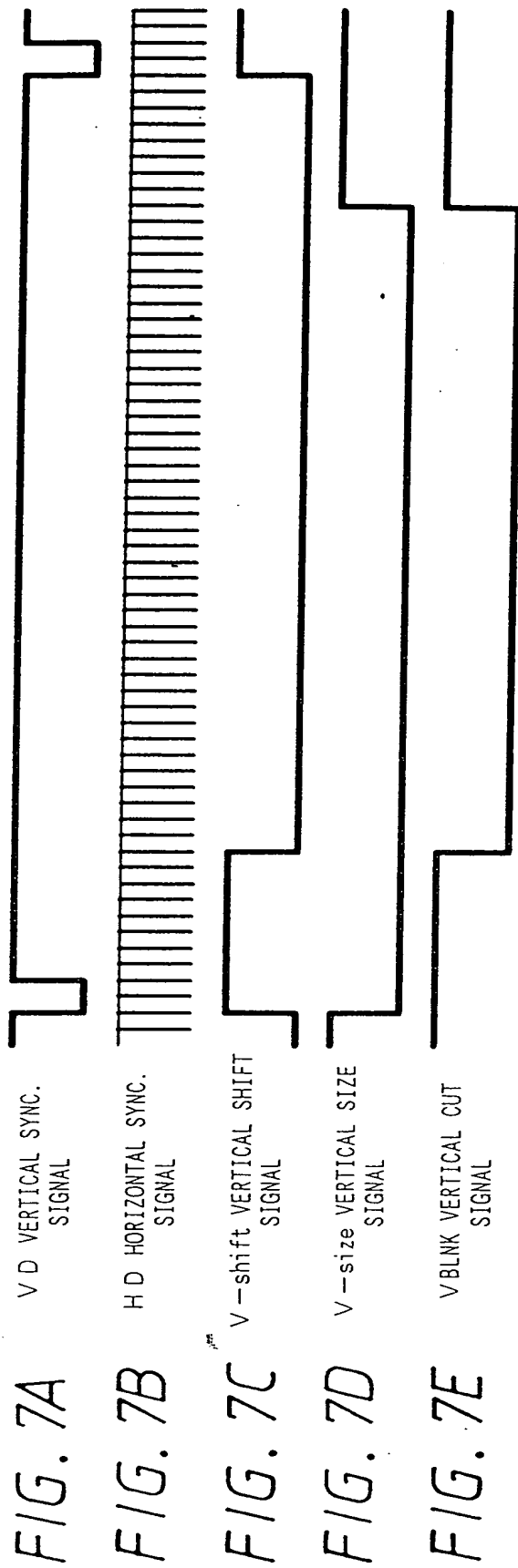
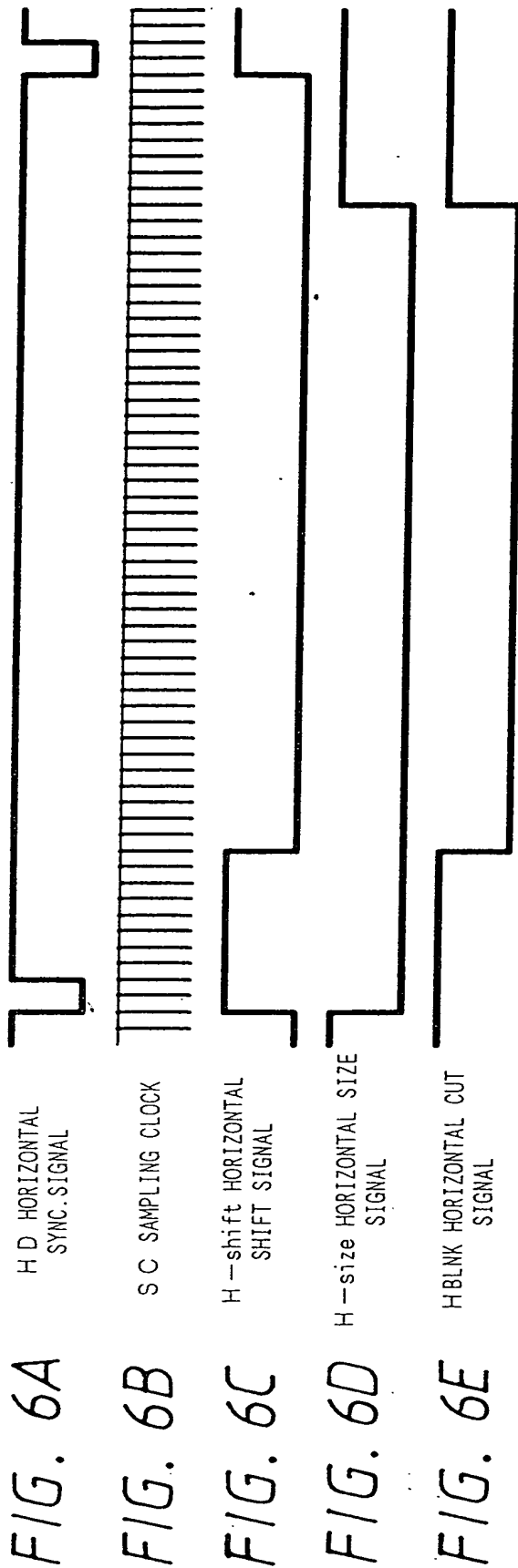
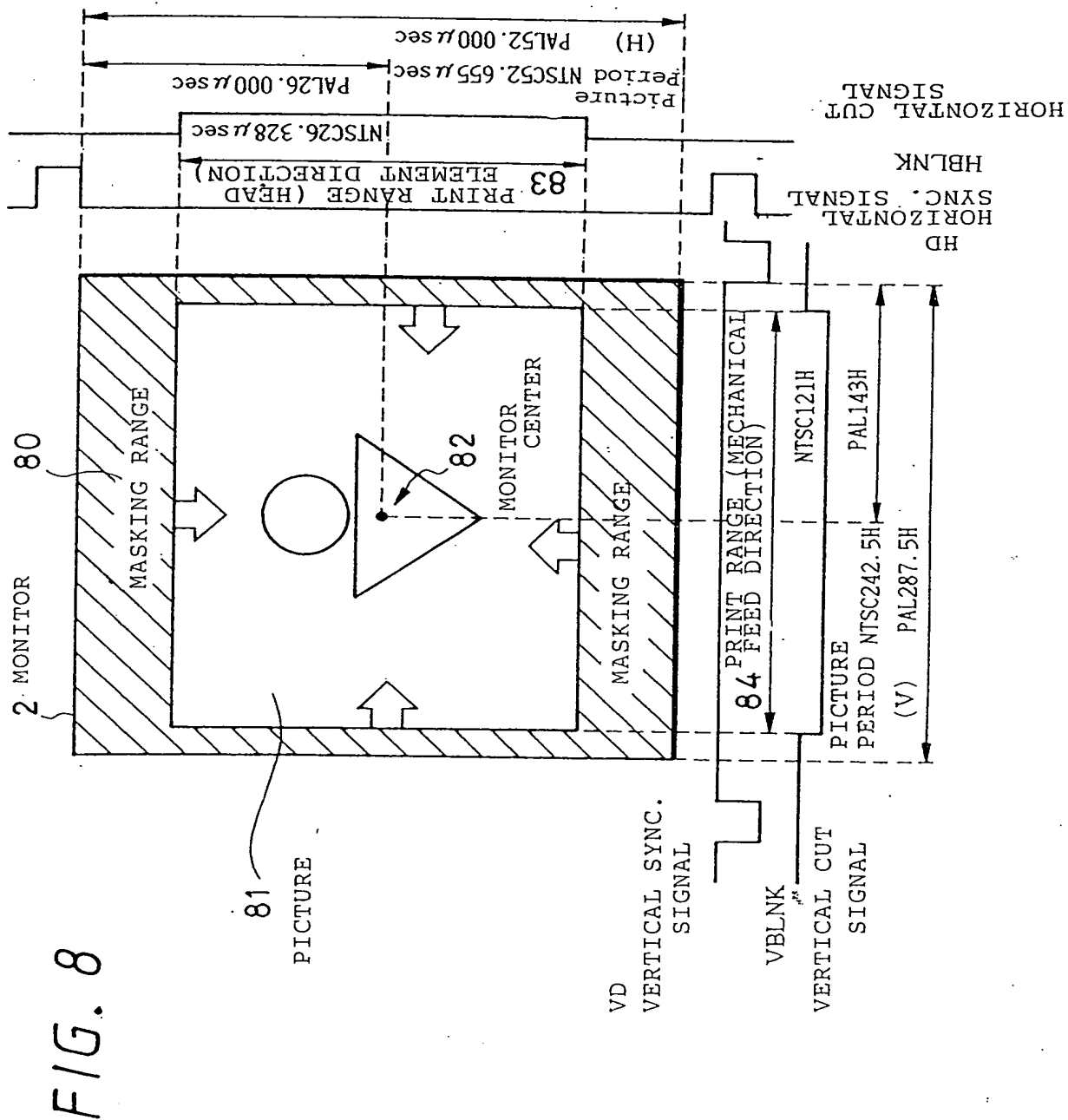


FIG. 5







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FIG. 9

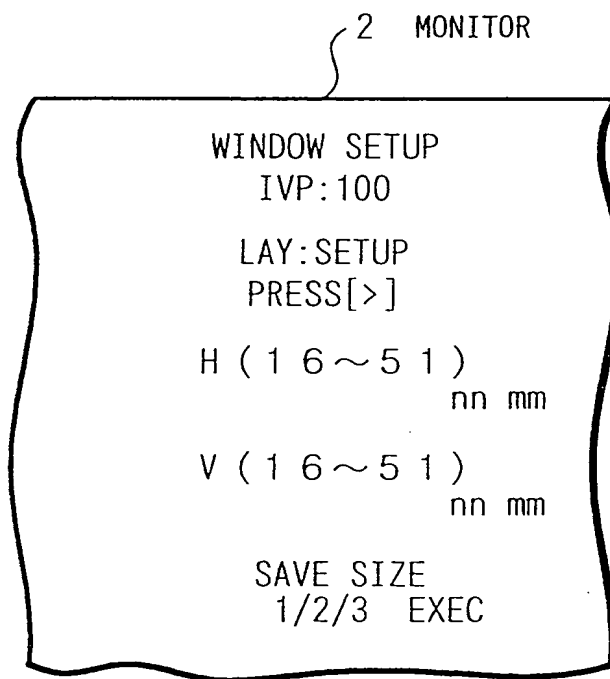


FIG. 10

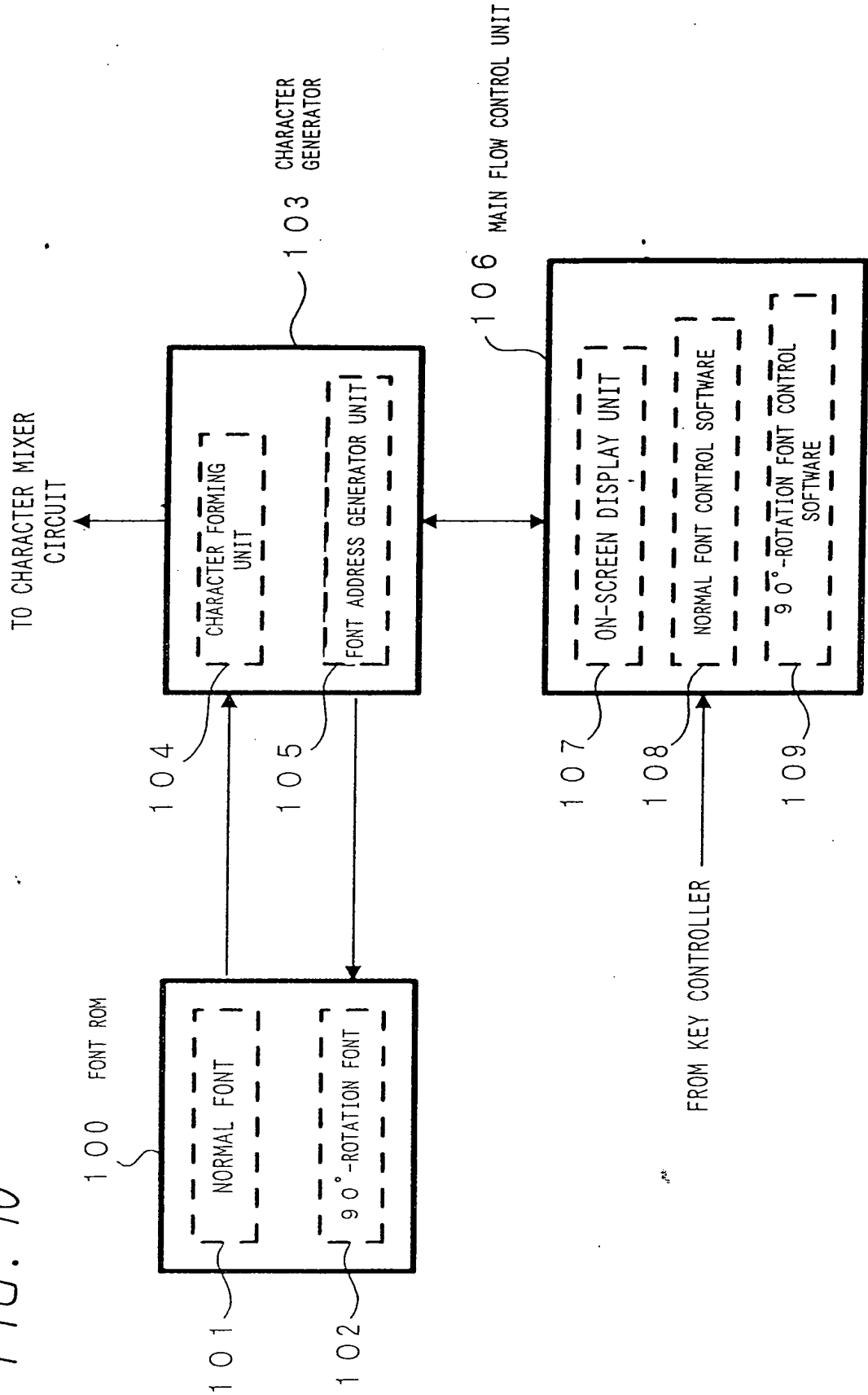


FIG. 11

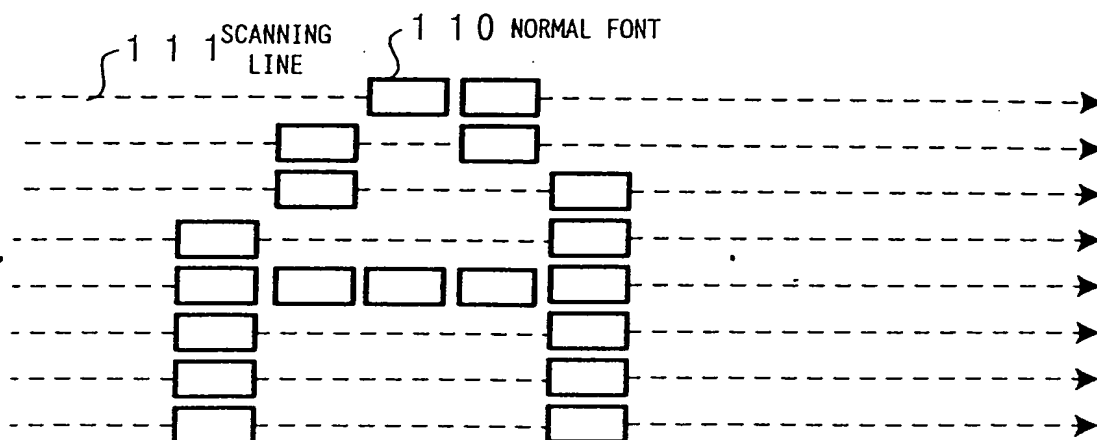
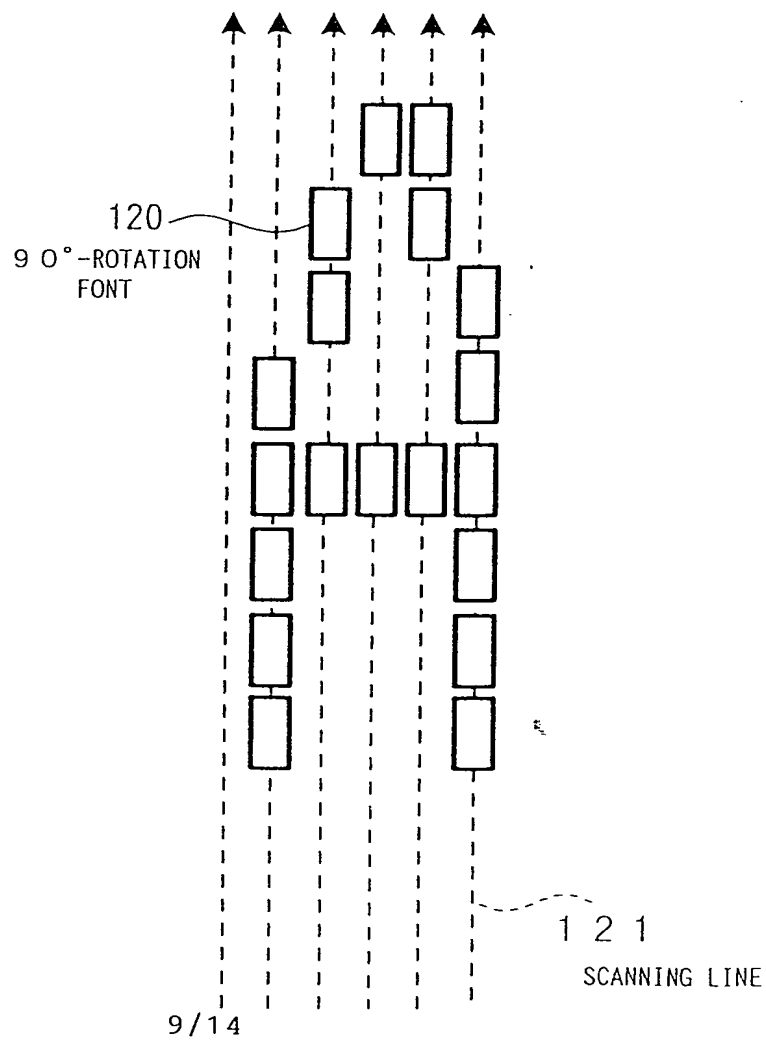


FIG. 12



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FIG. 13A

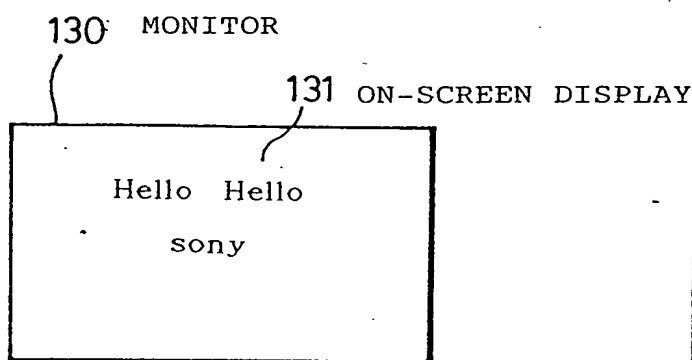


FIG. 13B

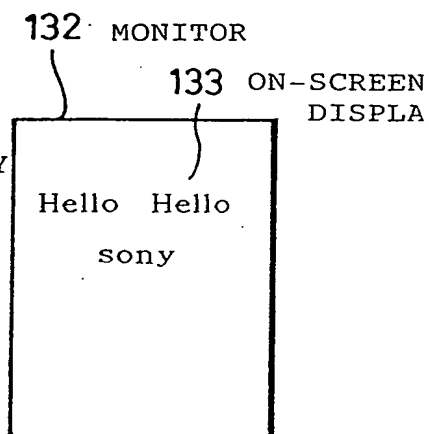


FIG. 14A

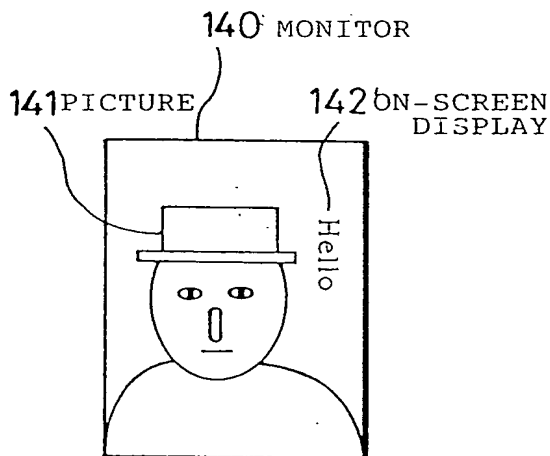
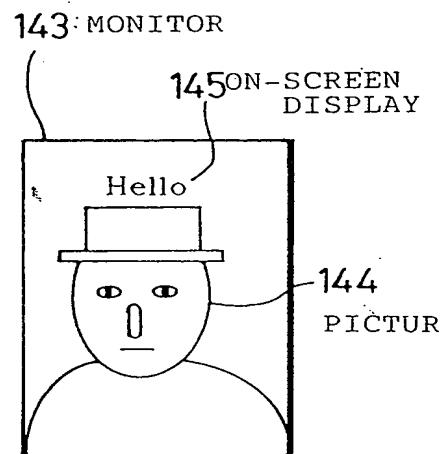


FIG. 14B



EXPLANATION OF REFERENCE NUMBERS

1	Camera
2	Monitor
3	Monitor
4	Rack
5	Power Supply Switch
6	Key
7	Display Unit
8	Outlet
9	Post
10	Adjuster
11	Cable
12	Cabinet
13	Caster
21	Window
20	Picture
22	Setting Item
30	Zooming Function
31R, 31G, 31B	A/D Converters
32	Memory
33	Memory Controller
34	CPU
35	Memory
36	Monitor Color Pallet
37	D/A Converter
38	Character Mixer Circuit
39	Horizontal and Vertical Cutting Means
40	Window Displaying Means

41 Printer Color Pallet
42 Color Generating Circuit
3 Printer
43 Head Controller
44 Head
45 Mechanical Controller
46 Platen Motor
48 Platen
49 System Controller
50 Interface Circuit
51 Print Size Selecting means
60 Horizontal Cutting Means
61 First Counter
62 First Comparator
63 Second Comparator
64 First Flip Flop
65 Second Flip Flop
66 Invertor
67 First Negative Logic NAND Circuit
68 Third Flip Flop
70 Vertical Cutting Means
71 Second Counter
72 Third Comparator
73 Fourth Comparator
74 Fourth Flip Flop
75 Fifth Flip Flop
76 Invertor
77 Negative Logic NAND Circuit
78 Sixth Flip Flop

79 Second Negative Logic NAND Circuit
80 Masking Range
81 Picture
82 Monitor Center
83 Print Range (Head Element Direction)
84 Print Range (Mechanical Feeding Direction)
100 Font ROM
101 Normal Font
102 90°-Rotation Font
103 Character Generator
104 Character Generator Unit
105 Font Address Generator Unit
106 Main Flow Control Unit
107 On-Screen Display Control Unit
108 Normal Font Control Software
109 90°-Rotation Font Control Software
110 Normal Font
111 Scanning Line
120 90°-Rotation Font
121 Scanning Line
130 Monitor
131 On-Screen Display
132 Monitor
133 On-Screen Display
140 Monitor
141 Picture
142 On-Screen Display
143 Monitor
144 Picture

145

On-Screen Display

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